

**PATENT APPLICATION**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re the Application of:

James A. DiCARLO et al.

Application No.: New Application

Filed: Concurrently Herewith

Attorney Dkt. No.: 61011.00006

For: METHODS FOR PRODUCING HIGH-PERFORMANCE SILICON CARBIDE FIBERS, ARCHITECTURAL PREFORMS, AND HIGH-TEMPERATURE COMPOSITE STRUCTURES

**INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

February 13, 2004

Sir:


Pursuant to 37 CFR §1.56, the attention of the Patent and Trademark Office is hereby directed to the information items listed on the attached PTO-1449. Unless otherwise indicated herein, one copy of each item is attached. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the items be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

- ☒ 1. This Information Disclosure Statement is being filed (a) within three months of the U.S. filing date or the date of filing a CPA, OR (b) before the mailing date of a first Office Action on the merits in the present application, or (c) accompanies a Request for Continued Examination. No certification or fee is required.
- ☐ 2. This Information Disclosure Statement is being filed more than three months after the U.S. filing date AND after the mailing date of the first Office Action on the merits, but before the mailing date of a Final Rejection or Notice of Allowance.

- ☐ a. I hereby certify that each item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Information Disclosure Statement. 37 CFR §1.97(e)(1).
- ☐ b. I hereby certify that no item of information in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to my knowledge after making reasonable inquiry, was known to any individual designated in 37 CFR §1.56(c) more than three months prior to the filing of this Information Disclosure Statement. 37 CFR §1.97(e)(2).
- ☐ c. A check in the amount of \$180.00 in payment of the fee under 37 CFR §1.17(p). Please charge any fee deficiency or credit any overpayment to Counsel's Deposit Account No. 50-2222 as needed to ensure consideration of the disclosed information.
- ☐ 3. This Information Disclosure Statement is being filed more than three months after the U.S. filing date and after the mailing date of a Final Rejection or Notice of Allowance, but before payment of the Issue Fee. Applicant(s) hereby petition(s) that the Information Disclosure Statement be considered. Attached is our check in the amount of \$130.00 in payment of the petition fee under 37 CFR §1.17(i)(1). Please charge any fee deficiency or credit any overpayment to Counsel's Deposit Account No. 50-2222 as needed to ensure consideration of the disclosed information.
- ☐ a. I hereby certify that each item of information contained in this Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Information Disclosure Statement. 37 CFR §1.97(e)(1).
- ☐ b. I hereby certify that no item of information in this Information Disclosure Statement was cited in any communication from a foreign patent office in a counterpart foreign application and, to my knowledge after making reasonable inquiry, was known to any individual designated in 37 CFR §1.56(c) more than three months prior to the filing of this Information Disclosure Statement. 37 CFR §1.97(e)(2).

In the event that there are any fees due with respect to the filing of this paper, please charge =Counsel's Deposit Account No. 50-2222.

Respectfully submitted,

A handwritten signature in black ink, appearing to read 'Kevin F. Turner', is written over a horizontal line.

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Enclosures: PTO-1449 Form; 20 References

FORM PTO-1449

U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO.

61011.00006

SERIAL NO.

New Application

## LIST OF REFERENCES CITED BY APPLICANT

*(Use several sheets if necessary)*

APPLICANT

James A. DiCARLO et al.

FILING DATE

February 13, 2004

GROUP

Unassigned

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NO.	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
	AA	4,605,588	08-12-1986	Simpson et al.			
	AB	4,752,503	06-21-1988	Thebault			
	AC	4,915,760	04-10-1990	Singh et al.			
	AD	4,948,662	08-14-1990	Simpson et al.			
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	AK	6,277,440	08-21-2001	Reynolds			
	AL	6,316,051 B2	11-13-2001	Okada			
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	AN	6,363,902	04-02-2002	Strasser et al.			
	AO	6,365,233 B1	04-02-2002	Corman et al.			

FORM PTO-1449	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO.	SERIAL NO.
		61011.00006	New Application
		APPLICANT James A. DiCARLO et al.	
LIST OF REFERENCES CITED BY APPLICANT  (Use several sheets if necessary)		FILING DATE	GROUP
		February 13, 2004	Unassigned

## OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)

AP	J. Lipowitz et al., "Structure and Properties of SYLRAMIC™ Silicon Carbide Fiber--A Polycrystalline, Stoichiometric $\beta$ -SiC"
AQ	H.M. Yun et al., "Comparison of the Tensile, Creep, and Rupture Strength Properties of Stoichiometric SiC Fibers," 23rd Annual Cocoa Beach Conference, American Ceramic Society, January 25-29, 1999.
AR	H.M. Yun et al., "Tensile Behavior of SiC/SiC Composites Reinforced by Treated Sylramic SiC Fibers," 25th Annual Conference on Advanced Ceramics and Composites, January 25, 2001.
AS	James A. DiCarlo et al., "SiC/SiC Composites with Improved BN Coated on Fibers," October 2000.
AT	James A. DiCarlo, et al., "Effects of Fiber Type on Key High-Temperature Properties of SiC/SiC Composites," 25th Annual Conference on Advanced Ceramics and Composites, January 25, 2001.
EXAMINER	
DATE CONSIDERED	
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	